

L1 1 S US 20070060579/PN

FILE 'REGISTRY' ENTERED AT 13:42:15 ON 06 JUL 2010

L2 1 S 849674-14-2/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

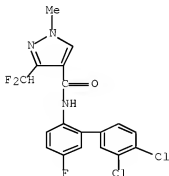
FILE 'REGISTRY' ENTERED AT 13:43:01 ON 06 JUL 2010

L3 1 S 581809-46-3/RN

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
RN 581809-46-3 REGISTRY
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (CA INDEX NAME)

OTHER NAMES:
CN Bixafen
CN N-(3',4'-Dichloro-5-fluoro-1,1'-biphenyl-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide
CN N-[2-(3,4-Dichlorophenyl)-4-fluorophenyl]-3-difluoromethyl-1-methylpyrazole-4-carboxylic acid amide
DR 1023697-71-3, 1135441-87-0, 1195088-55-1
MF C18 H12 Cl2 F3 N3 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, CBNB, CHEMCATS, TOXCENTER, USPAT2, USPATFULL

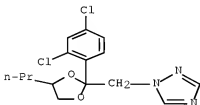
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRPH (Prophetic); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)
RL.NP Roles from non-patents: BIOL (Biological study); USES (Uses)



SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY
E PROPICONAZOLE/CN

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
RN 60207-90-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-1,2,4-Triazole, 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]- (CA INDEX NAME)
OTHER NAMES:
CN 1-[[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole
CN Aidol SW 900
CN Bamber
CN Bamber 25EC
CN Banner Maxx
CN Binghuanzuo
CN Bumper
CN Busan 1292
CN Cane Sett Treatment
CN CGA 64250
CN CGD 92710F
CN Desmel
CN Dhan
CN Fertilome Liquid Systemic Fungicide
CN Juno
CN Juno (pesticide)
CN Microban PZ
CN Microban S 2140
CN Mycostat P
CN Orbit
CN Orbit (fungicide)
CN Proconazole
CN Propiconazole
CN Radar
CN Radar (insecticide)
CN S 2140
CN Tilt
CN Tilt 125
CN Tilt Premium
CN Wocosen
CN Wocosen Technical
CN Wocosin
CN Wocosin 50TK
CN Wolsit KD 10
DR 1135441-15-4, 125407-52-5, 75881-82-2, 181591-67-3
MF C15 H17 C12 N3 O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, PIRA, PROMT, RTECS*, TOXCENTER, ULIDAT, USPAT2, USPATFULL

(*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

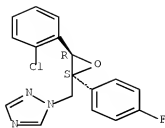


```

SET EXPAND CONTINUOUS
L4      1 S E3
        E EPOXICONAZOLE/CN

L5      ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2010 ACS on STN
RN      133855-98-8  REGISTRY
ED      Entered STN:  17 May 1991
CN      1H-1,2,4-Triazole, 1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-
fluorophenyl)-2-
        oxiranyl)methyl]-, rel-  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN      1H-1,2,4-Triazole, 1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-
fluorophenyl)oxiranyl)methyl]-, rel-  (9CI)
CN      1H-1,2,4-Triazole, 1-[[3-(2-chlorophenyl)-2-(4-
fluorophenyl)oxiranyl)methyl]-, cis-(±)-
OTHER NAMES:
CN      BAS 480F
CN      Epoxiconazole
CN      Opal
CN      Opal (fungicide)
CN      Opus
FS      STEREOSEARCH
DR      106325-08-0, 205862-63-1
MF      C17 H13 Cl F N3 O
CI      COM
SR      CA
LC      STN Files:  AGRICOLA, ANABSTR, BIOSIS, CA, CABA, CAPLUS,
CASREACT, CBNE,
        CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, MEDLINE, MRCK*,
PATDPASPC, PIRA,
        PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL
        (*File contains numerically searchable property data)
  
```

Relative stereochemistry.

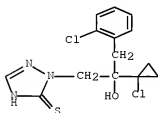


L5 1 S E15
E PROTHIOCONAZOLE/CN

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
RN 178928-70-6 REGISTRY
ED Entered STN: 31 Jul 1996
CN 3H-1,2,4-Triazole-3-thione, 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro- (CA INDEX NAME)

OTHER NAMES:
CN JAU 6476
CN Proline fungicide
CN Prothioconazole
CN Redigo
DR 1135441-16-5
MF C14 H15 Cl2 N3 O S
CI COM
SR CA

LC STN Files: CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CSNB,
MRCK*, PATDPASPC, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)



L6 1 S E27
E TEBUCONAZOLE/CN

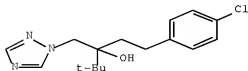
L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
RN 107534-96-3 REGISTRY
ED Entered STN: 11 Apr 1987
CN 1H-1,2,4-Triazole-1-ethanol, α -[2-(4-chlorophenyl)ethyl]- α -(1,1-dimethylethyl)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

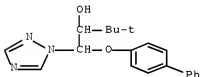
CN 1H-1,2,4-Triazole-1-ethanol, α -[2-(4-chlorophenyl)ethyl]- α -(1,1-dimethylethyl)-, (\pm)-

OTHER NAMES:

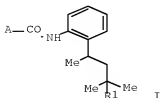
CN (\pm)-Tebuconazole
 CN α -[2-(4-Chlorophenyl)-ethyl]- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol
 CN Atlas
 CN BAY-HWG 1608
 CN Corail
 CN Elite
 CN Elite (fungicide)
 CN Ethyltrianol
 CN Etiltrianol
 CN Fenetrazole
 CN Folicur
 CN Folicur 200EC
 CN Horizon
 CN Horizon (fungicide)
 CN Horizont
 CN HWG 1608
 CN Microban S 2142
 CN Microban TZ
 CN Orius
 CN Orius (fungicide)
 CN Preventol A 8
 CN Raxil
 CN Raxil 2DS
 CN Riza
 CN S 2142
 CN Tebuconazole
 CN Terbutrazole
 DR 123066-82-0, 80443-41-0
 MF C16 H22 Cl N3 O
 CI COM
 SR CA
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CABA,
 CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB,
 DDFU,
 DRUGU, EMBASE, HSDB*, MEDLINE, MRCK*, PATDPASPC, PIRA, PROMT,
 RTECS*,
 SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
 RN 55179-31-2 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-1,2,4-Triazole-1-ethanol, β -([1,1'-biphenyl]-4-yloxy)- α -(1,1-dimethylethyl)- (CA INDEX NAME)
 OTHER NAMES:
 CN Baycor
 CN Baycor 25WP
 CN Baycor DC 300
 CN Biloxazol
 CN Bitertanol
 CN KWG 0599
 DR 1135441-01-8
 MF C20 H23 N3 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA,
 CAPLUS, CASREACT, CBNB, CHEMCAIS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE,
 IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



L8 1 S E51
 FILE 'CAPLUS' ENTERED AT 13:44:34 ON 06 JUL 2010
 L9 91 S L3 AND (L4-L8)
 L10 2 S L9 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)
 L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN
 GI



AB Synergistic fungicidal combinations comprise a carboxamide derivative I [R1 = H, halo or (halo)alkyl; R1 = (un)substituted Ph, furyl, pyridinyl, etc.] and any of a very large number of known fungicides.

ACCESSION NUMBER: 2005:405320 CAPLUS [Full-text](#)
DOCUMENT NUMBER: 142:425351
TITLE: Synergistic fungicidal combinations comprising a carboxamide derivative

INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Suty-Heinze, Anne

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 126 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
20041012 <--				
WO 2005041653	A2	20050512	WO 2004-EP11403	
WO 2005041653	A3	20050728		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10349501	A1	20050525	DE 2003-10349501	
20031023 <--				
IN 2004DN01804	A	20070302	IN 2004-DN1804	
20040923 <--				
IN 236837	A1	20091204	IN 2004-DE1804	

```

20040923 <--
AU 2004285267 A1 20050512 AU 2004-285267
20041012 <--
CA 2543053 A1 20050512 CA 2004-2543053
20041012 <--
EP 1677598 A2 20060712 EP 2004-790298
20041012 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU,
PL, SK, HR
CN 1870895 A 20061129 CN 2004-80031206
20041012 <--
BR 2004015758 A 20061219 BR 2004-15758
20041012 <--
JP 2007509088 T 20070412 JP 2006-535996
20041012 <--
NZ 546725 A 20100326 NZ 2004-546725
20041012 <--
MX 2006004309 A 20060605 MX 2006-4309
20060418 <--
ZA 2006003104 A 20070725 ZA 2006-3104
20060419 <--
KR 2006123146 A 20061201 KR 2006-709158
20060511 <--
NO 2006002337 A 20060630 NO 2006-2337
20060523 <--
US 20090018015 A1 20090115 US 2006-576058
20060725 <--
PRIORITY APPLN. INFO.: DE 2003-10349501 A
20031023 <--
WO 2004-EP11403 W
20041012
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 142:425351
IPC1 A01N [ICM,7]
IPCR A01N0037-22 [I,C*]; A01N0037-22 [I,A]; A01N0043-02 [I,C*];
A01N0043-08
[I,A]; A01N0043-10 [I,A]; A01N0043-32 [I,A]; A01N0043-34 [I,C*];
A01N0043-36 [I,A]; A01N0043-40 [I,A]; A01N0043-48 [I,C*];
A01N0043-56
[I,A]; A01N0043-72 [I,C*]; A01N0043-78 [I,A]
CC 5-2 (Agrochemical Bioregulators)
IT 87-41-2D, Phthalide, mixture with carboxamide derivative 133-06-
2D, Captan,
mixture with carboxamide derivative 133-07-3D, Folpet, mixture
with carboxamide
derivative 137-26-8D, Thiram, mixture with carboxamide
derivative 137-30-4D,
Ziram, mixture with carboxamide derivative 148-79-8D,
Thiabendazole, mixture
with carboxamide derivative 731-27-1D, Tolyfluanid, mixture
with carboxamide
derivative 1018-71-9D, Pyrrolnitrine, mixture with carboxamide
derivative
1085-98-9D, Dichlofluanid, mixture with carboxamide derivative
1332-40-7D,

```


Copper oxychloride, mixture with carboxamide derivative 1593-77-7D, Dodemorph,
 mixture with carboxamide derivative 1897-45-6D, Chlorothalonil, mixture with
 carboxamide derivative 2425-06-1D, Captafol, mixture with carboxamide derivative
 2439-10-3D, Dodine, mixture with carboxamide derivative 3347-22-6D,
 Dithianone, mixture with carboxamide derivative 3878-19-1D, Fuberidazole,
 mixture with carboxamide derivative 5234-68-4D, Carboxin, mixture with
 carboxamide derivative 6980-18-3D, Kasugamycin, mixture with carboxamide
 derivative 8018-01-7D, Mancozeb, mixture with carboxamide derivative 9006-42-2D,
 Metiram, mixture with carboxamide derivative 10605-21-7D, Carbendazim, mixture
 with carboxamide derivative 12071-83-9D, Propineb, mixture with carboxamide
 derivative 12122-67-7D, Zineb, mixture with carboxamide derivative 12427-38-2D,
 Maneb, mixture with carboxamide derivative 13598-36-2D, Phosphonic acid, mixture
 with carboxamide derivative 17109-49-8D, Edifenphos, mixture with carboxamide
 derivative 17804-35-2D, Benomyl, mixture with carboxamide derivative 23564-05-8D,
 Thiophanatemethyl, mixture with carboxamide derivative 23564-06-9D,
 Thiophanateethyl, mixture with carboxamide derivative 24579-73-5D, Propamocarb,
 mixture with carboxamide derivative 25606-41-1D, Propamocarbhdrochloride, mixture
 with carboxamide derivative 27605-76-1D, Probenazole, mixture with carboxamide
 derivative 32809-16-8D, Procymidone, mixture with carboxamide derivative 36734-19-7D,
 Iprodione, mixture with carboxamide derivative 39148-24-8D, FosetylAl, mixture
 with carboxamide derivative 41814-78-2D, Tricyclazole, mixture with carboxamide
 derivative 43121-43-3D, Triadimefon, mixture with carboxamide derivative 50471-44-8D,
 Vinclozolin, mixture with carboxamide derivative 50512-35-1D, Isoprothiolane,
 mixture with carboxamide derivative 51832-87-2D, Picobenzide, mixture with
 carboxamide derivative 53112-28-0D, Pyrimethanil, mixture with carboxamide
 derivative 55179-31-2D, Bitertanol, mixture with carboxamide derivative 55219-65-3D,
 Triadimenol, mixture with carboxamide derivative 57520-17-9D, Iminoctadine triacetate,
 mixture with carboxamide derivative 57646-30-7D, Furalaxyl, mixture with carboxamide
 derivative 57837-19-1D,

Metalaxyl, mixture
 with carboxamide derivative 57966-95-7D, Cymoxanil, mixture with
 carboxamide
 derivative 60207-31-0D, Azaconazole, mixture with carboxamide
 derivative
 60207-90-1D, Propiconazole, mixture with carboxamide derivative
 60207-93-4D, Eptaconazole, mixture with carboxamide derivative
 65571-68-8,
 Clorofenazole 66063-05-6D, Pencycuron, mixture with carboxamide
 derivative
 66246-88-6D, Penconazole, mixture with carboxamide derivative
 67564-91-4D,
 Fenpropimorph, mixture with carboxamide derivative 67747-09-5D,
 Prochloraz,
 mixture with carboxamide derivative 70630-17-0D, Metalaxyl-M,
 mixture with
 carboxamide derivative 71626-11-4D, Benalaxyl, mixture with
 carboxamide derivative
 72459-58-6D, Triazoxide, mixture with carboxamide derivative
 74738-17-3D,
 Fenpiclonil, mixture with carboxamide derivative 76674-21-0D,
 Flutriafol,
 mixture with carboxamide derivative 77732-09-3D, Oxadixyl[,
 mixture with
 carboxamide derivative 79622-59-6D, Fluazinam, mixture with
 carboxamide derivative
 79983-71-4D, Hexaconazole, mixture with carboxamide derivative
 81412-43-3D,
 Tridemorph, mixture with carboxamide derivative 85509-19-9D,
 Flusilazole,
 mixture with carboxamide derivative 87130-20-9D, Diethofencarb,
 mixture with
 carboxamide derivative 88671-89-0D, Myclobutanil, mixture with
 carboxamide
 derivative 89269-64-7D, Ferimzone, mixture with carboxamide
 derivative
 91315-15-0D, Aldimorph, mixture with carboxamide derivative
 94361-06-5D,
 Cyproconazole, mixture with carboxamide derivative 98243-83-5D,
 Benalaxyl-M,
 mixture with carboxamide derivative 101903-30-4D, Pefurazoate,
 mixture with
 carboxamide derivative 103970-75-8D, Quinconazole, mixture with
 carboxamide
 derivative 104030-54-8D, Carpropamid, mixture with carboxamide
 derivative
 107534-96-3D, Tebuconazole, mixture with carboxamide derivative
 108173-90-6, Guazatine 110235-47-7D, Mepanipyrim, mixture with
 carboxamide
 derivative 110488-70-5D, Dimethomorph, mixture with carboxamide
 derivative
 112281-77-3D, Tetraconazole, mixture with carboxamide derivative
 114369-43-6D,
 Fenbuconazole, mixture with carboxamide derivative 115852-48-7D,
 Fenoxanil,
 mixture with carboxamide derivative 116255-48-2D, Bromuconazole,
 mixture with

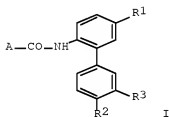
carboxamide derivative 117428-22-5D, Picoxystrobin, mixture with
 carboxamide
 derivative 118134-30-8D, Spiroxamine, mixture with carboxamide
 derivative
 119446-68-3D, Difenconazole, mixture with carboxamide derivative
 119899-14-8D, mixture with carboxamide derivative 120116-88-3D,
 Cyazofamid,
 mixture with carboxamide derivative 121552-61-2D, Cyprodinil,
 mixture with
 carboxamide derivative 123572-88-3D, Furametpyr, mixture with
 carboxamide
 derivative 125116-23-6D, Metconazole, mixture with carboxamide
 derivative
 125225-28-7D, IPconazole, mixture with carboxamide derivative
 126833-17-8D,
 Fenhexamid, mixture with carboxamide derivative 131341-86-1D,
 Fludioxonil,
 mixture with carboxamide derivative 131752-26-6D, mixture with
 carboxamide
 derivative 131807-57-3D, Famoxadone, mixture with carboxamide
 derivative
 131860-33-8D, Azoxystrobin, mixture with carboxamide derivative
 131983-72-7D,
 Triticonazole, mixture with carboxamide derivative 133408-50-1D,
 Metominostrobin, mixture with carboxamide derivative 133855-98-
 8D,
 Epoxiconazole, mixture with carboxamide derivative 135158-54-2D,
 Acibenzolar-S-methyl, mixture with carboxamide derivative
 136426-54-5D,
 Fluquinconazole, mixture with carboxamide derivative 139920-32-
 4D, Diclocymet,
 mixture with carboxamide derivative 140923-17-7D, Iprovalicarb,
 mixture with
 carboxamide derivative 141517-21-7D, Trifloxystrobin, mixture
 with carboxamide
 derivative 143390-89-0D, Kresoximmethyl, mixture with
 carboxamide derivative
 149508-90-7D, Simeconazole, mixture with carboxamide derivative
 149961-52-4D,
 Dimoxystrobin, mixture with carboxamide derivative 156052-68-5D,
 Zoxamide,
 mixture with carboxamide derivative 156581-89-4D, mixture with
 carboxamide
 derivative 158169-73-4D, mixture with carboxamide derivative
 161326-34-7D,
 Fenamidone, mixture with carboxamide derivative 162650-77-3D,
 Ethaboxam, mixture
 with carboxamide derivative 175013-18-0D, Pyraclostrobin,
 mixture with
 carboxamide derivative 175217-20-6D, Silthiofam, mixture with
 carboxamide
 derivative 178928-70-6D, Prothioconazole, mixture with
 carboxamide
 derivative 181624-76-0D, mixture with carboxamide derivative
 181627-13-4D, mixture
 with carboxamide derivative 183675-82-3D, Penthiopyrad, mixture
 with

carboxamide derivative 183676-44-0D, mixture with carboxamide derivative
 187233-48-3D, mixture with carboxamide derivative 188027-78-3D, mixture with
 carboxamide derivative 188425-85-6D, Boscalid, mixture with carboxamide derivative
 189873-26-5D, mixture with carboxamide derivative 210230-99-2D, mixture with
 carboxamide derivative 214706-53-3D, mixture with carboxamide derivative
 220899-03-6D, Metrafenone, mixture with carboxamide derivative 221451-58-7D,
 mixture with carboxamide derivative 221667-31-8 223580-51-6D, Tiadinil,
 mixture with carboxamide derivative 224049-04-1D, mixture with carboxamide
 derivative 237055-17-3D, mixture with carboxamide derivative 248593-16-0D,
 Orysastobin, mixture with carboxamide derivative 249648-16-6D, mixture with
 carboxamide derivative 308286-29-5D, mixture with carboxamide derivative
 361377-29-9D, Fluoxastobin, mixture with carboxamide derivative 367262-88-2D,
 mixture with carboxamide derivative 367262-94-0D, mixture with carboxamide
 derivative 367262-97-3D, mixture with carboxamide derivative 367263-03-4D, mixture
 with carboxamide derivative 374726-62-2D, mixture with carboxamide derivative
 413615-35-7D, Benthiavalicarb, mixture with carboxamide derivative 424824-17-9D,
 mixture with carboxamide derivative 424831-80-1D, mixture with
 carboxamide derivative 497934-59-5D, mixture with carboxamide derivative
 497934-60-8D, mixture with carboxamide derivative 577794-43-5D, mixture with
 carboxamide derivative 577954-87-1D, mixture with carboxamide derivative
 577954-88-2D, mixture with carboxamide derivative 577955-06-7D, mixture with
 carboxamide derivative 581809-46-3D, mixture with carboxamide derivative
 756523-12-3D, mixture with carboxamide derivative 849674-85-7D, mixture with
 carboxamide derivative 849674-86-8D, mixture with carboxamide derivative
 849674-87-9D, mixture with carboxamide derivative 849674-88-0D, mixture with
 carboxamide derivative 851018-45-6D, mixture with carboxamide derivative
 851018-46-7D, mixture with carboxamide derivative 851018-47-8D, mixture with
 carboxamide derivative 851018-48-9 851018-49-0 851018-50-3 851018-51-4
 851018-52-5 851018-53-6 851018-54-7 851018-55-8 851018-56-

6 851018-57-0 851018-58-1 851018-59-2 851018-60-5 851018-61-
1 851018-62-7 851018-63-8 851018-64-9 851018-65-0 851018-66-
8 851018-67-2 851018-68-3 851018-69-4 851018-70-7 851018-71-
3 851018-72-9 851018-73-0 851018-74-1 851018-75-2 851018-76-
1 851018-78-5 851018-79-6 851018-80-9 851018-81-0 851018-82-
6 851018-83-2 851018-84-3 851018-85-4 851018-86-5 851018-87-
3 851018-88-7 851018-89-8 851018-90-1 851018-91-2 851018-92-
9 851018-93-4 851018-94-5 851018-95-6 851018-97-8 851018-98-
0 851018-99-0 851019-01-7 851019-02-8 851019-03-9 851019-04-

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE
THIS
REFERENCE COUNT: 5 RECORD (11 CITINGS)
FOR THIS THERE ARE 5 CITED REFERENCES AVAILABLE
RECORD. ALL CITATIONS AVAILABLE IN THE
RE FORMAT

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN
GI



AB Synergistic fungicidal mixts. comprise a carboxamide derivative I
[R1= H or F; R2 = halo, (halo)alkyl or (halo)alkoxy; , R3 = H,
halo or (halo)alkyl; A = (un)substituted Ph, imidazolyl,
thiazolyl, etc.] and any of 22 groups of known fungicides.
ACCESSION NUMBER: 2005:346774 CAPLUS Full-text
DOCUMENT NUMBER: 142:387616
TITLE: Synergistic fungicidal combinations comprising
carboxamide derivatives
INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter;
Dunkel, Ralf; Elbe, Hans-Ludwig; Suty-Heinze, Anne;
Rieck,

PATENT ASSIGNEE(S): Heiko
 SOURCE: Bayer Cropscience Aktiengesellschaft, Germany
 PCT Int. Appl., 141 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034628	A1	20050421	WO 2004-EP10830	
20040928 <--				
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10347090	A1	20050504	DE 2003-10347090	
20031010 <--				
IN 2004DE01737	A	20070330	IN 2004-DE1737	
20040915 <--				
IN 223561	A1	20080926		
AU 2004279674	A1	20050421	AU 2004-279674	
20040928 <--				
CA 2541646	A1	20050421	CA 2004-2541646	
20040928 <--				
EP 1675461	A1	20060705	EP 2004-765648	
20040928 <--				
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004015449	A	20061219	BR 2004-15449	
20040928 <--				
RU 2381650	C2	20100220	RU 2006-115441	
20040928 <--				
NZ 546472	A	20100326	NZ 2004-546472	
20040928 <--				
MX 2006003779	A	20060614	MX 2006-3779	
20060404 <--				

ZA 2006002860	A	20070530	ZA 2006-2860
20060407 <--			
NO 2006002099	A	20060707	NO 2006-2099
20060510 <--			
US 20070060579	A1	20070315	US 2006-573066
20061024 <--			
IN 2008DE01852	A	20090403	IN 2008-DE1852
20080805 <--			
PRIORITY APPLN. INFO.:			DE 2003-10347090 A
20031010 <--			
			IN 2004-DE1737 A3
20040915			
		WO 2004-EP10830	W
20040928			
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT			
OTHER SOURCE(S): MARPAT 142:387616			
IPCI A01N0043-56 [ICM,7]; A01N0043-78 [ICS,7]; A01N0057-12 [ICS,7];			
A01N0057-00			
[ICS,7,C*]; A01N0047-38 [ICS,7]; A01N0047-32 [ICS,7]; A01N0047-28			
[ICS,7,C*]; A01N0047-18 [ICS,7]; A01N0047-14 [ICS,7]; A01N0047-12			
[ICS,7];			
A01N0047-10 [ICS,7,C*]; A01N0047-04 [ICS,7]; A01N0047-02			
[ICS,7,C*];			
A01N0043-90 [ICS,7]; A01N0043-88 [ICS,7]; A01N0043-80 [ICS,7];			
A01N0043-72			
[ICS,7,C*]; A01N0043-707 [ICS,7]; A01N0043-653 [ICS,7]; A01N0043-			
64			
[ICS,7,C*]; A01N0043-54 [ICS,7]; A01N0043-50 [ICS,7]; A01N0043-48			
[ICS,7,C*]; A01N0043-40 [ICS,7]; A01N0043-34 [ICS,7,C*]; A01N0043-			
30			
[ICS,7]; A01N0043-02 [ICS,7,C*]; A01N0037-50 [ICS,7]; A01N0037-46			
[ICS,7];			
A01N0037-44 [ICS,7,C*]; A01N0037-34 [ICS,7]; A01N0037-24 [ICS,7];			
A01N0037-22 [ICS,7,C*]			
IPCR A01N0043-02 [I,C*]; A01N0043-32 [I,A]; A01N0043-34 [I,C*];			
A01N0043-36			
[I,A]; A01N0043-48 [I,C*]; A01N0043-56 [I,A]; A01N0043-72 [I,C*];			
A01N0043-78 [I,A]			
CC			5-2 (Agrochemical Bioregulators)
IT			87-41-2D, Phthalide, mixture with carboxamide derivative 133-06-
			2D, Captan,
			mixture with carboxamide derivative 133-07-3D, Folpet, mixture
			with carboxamide
			derivative 137-26-8D, Thiram, mixture with carboxamide
			derivative 137-30-4D,
			Ziram, mixture with carboxamide derivative 148-79-8D,
			Thiabendazole, mixture
			with carboxamide derivative 731-27-1D, mixture with carboxamide
			derivative
			1018-71-9D, Pyrrolnitrine, mixture with carboxamide derivative
			1085-98-9D,
			mixture with carboxamide derivative 1332-40-7D, Copper
			oxychloride, mixture with
			carboxamide derivative 1593-77-7D, Dodemorph, mixture with
			carboxamide derivative
			1897-45-6D, Chlorothalonil, mixture with carboxamide derivative
			2425-06-1D,

Captafol, mixture with carboxamide derivative 2439-10-3D,
 Dodine, mixture with
 carboxamide derivative 3347-22-6D, Dithianone, mixture with
 carboxamide derivative
 3878-19-1D, Fuberidazole, mixture with carboxamide derivative
 5234-68-4D,
 Carboxin, mixture with carboxamide derivative 6980-18-3D,
 Kasugamycin, mixture
 with carboxamide derivative 8018-01-7D, Mancozeb, mixture with
 carboxamide
 derivative 9006-42-2D, Metiram, mixture with carboxamide
 derivative 10605-21-7D,
 Carbendazim, mixture with carboxamide derivative 12071-83-9D,
 Propineb, mixture
 with carboxamide derivative 12122-67-7D, Zineb, mixture with
 carboxamide
 derivative 12427-38-2D, Maneb, mixture with carboxamide
 derivative 13598-36-2D,
 Phosphonic acid, mixture with carboxamide derivative 17109-49-
 8D, Edifenphos,
 mixture with carboxamide derivative 17804-35-2D, Benomyl,
 mixture with
 carboxamide derivative 20427-59-2D, Copper hydroxide, mixture
 with carboxamide
 derivative 23564-05-8D, Thiophanatemethyl, mixture with
 carboxamide derivative
 23564-06-9D, Thiophanateethyl, mixture with carboxamide derivative
 24579-73-5D, Propamocarb, mixture with carboxamide derivative
 25606-41-1D,
 Propamocarhydrochloride, mixture with carboxamide derivative
 27605-76-1D,
 Probenazole, mixture with carboxamide derivative 32809-16-8D,
 Procymidone,
 mixture with carboxamide derivative 36734-19-7D, Iprodione,
 mixture with
 carboxamide derivative 39148-24-8D, FosetylAl, mixture with
 carboxamide derivative
 41814-78-2D, Tricyclazole, mixture with carboxamide derivative
 43121-43-3D,
 Triadimefon, mixture with carboxamide derivative 50471-44-8D,
 Vinclozolin,
 mixture with carboxamide derivative 50512-35-1D, Isoprothiolane,
 mixture with
 carboxamide derivative 51832-87-2D, Picobenzide, mixture with
 carboxamide
 derivative 53112-28-0D, mixture with carboxamide derivative
 55179-31-2D
 , Bitertanol, mixture with carboxamide derivative 55219-65-3D,
 Triadimenol,
 mixture with carboxamide derivative 57520-17-9D, Iminoctadine
 triacetate,
 mixture with carboxamide derivative 57966-95-7D, Cymoxanil,
 mixture with
 carboxamide derivative 60207-31-0D, Azaconazole, mixture with
 carboxamide
 derivative 60207-90-1D, Propiconazole, mixture with carboxamide
 derivative 60207-93-4D, Etaconazole, mixture with carboxamide

derivative
 65571-68-8D, Clorofenazole, mixture with carboxamide derivative
 66063-05-6D,
 Pencycuron, mixture with carboxamide derivative 66246-88-6D,
 Penconazole,
 mixture with carboxamide derivative 67564-91-4D, Fenpropimorph,
 mixture with
 carboxamide derivative 67747-09-5D, Prochloraz, mixture with
 carboxamide
 derivative 69516-34-3D, mixture with carboxamide derivative
 70630-17-0D,
 Metalaxyl-M, mixture with carboxamide derivative 72459-58-6D,
 Triazoxide,
 mixture with carboxamide derivative 74738-17-3D, Fenpiclonil,
 mixture with
 carboxamide derivative 76674-21-0D, Flutriafol, mixture with
 carboxamide
 derivative 77732-09-3D, Oxadixyl, mixture with carboxamide
 derivative
 79048-45-6D, mixture with carboxamide derivative 79622-59-6D,
 Fluzazinam, mixture
 with carboxamide derivative 79983-71-4D, Hexaconazole, mixture
 with
 carboxamide derivative 81412-43-3D, Tridemorph, mixture with
 carboxamide
 derivative 85509-19-9D, Flusilazole, mixture with carboxamide
 derivative
 87130-20-9D, Diethofencarb, mixture with carboxamide derivative
 88671-89-0D,
 Myclobutanil, mixture with carboxamide derivative 89269-64-7D,
 Ferimzone,
 mixture with carboxamide derivative 91315-15-0D, Aldimorph,
 mixture with
 carboxamide derivative 94361-06-5D, Cyproconazole, mixture with
 carboxamide
 derivative 97716-85-3D, mixture with carboxamide derivative
 98243-83-5D,
 Benalaxyl-M, mixture with carboxamide derivative 101903-30-4D,
 Pefurazoate,
 mixture with carboxamide derivative 103970-75-8D, Quinconazole,
 mixture with
 carboxamide derivative 104030-54-8D, Carpropamid, mixture with
 carboxamide
 derivative 107534-96-3D, Tebuconazole, mixture with carboxamide
 derivative 108173-90-6D, Guazatine, mixture with carboxamide
 derivative
 110235-47-7D, mixture with carboxamide derivative 110488-70-5D,
 Dimethomorph,
 mixture with carboxamide derivative 112281-77-3D, Tetraconazole,
 mixture with
 carboxamide derivative 114369-43-6D, Fenbuconazole, mixture with
 carboxamide
 derivative 115852-48-7D, Fenoxanil, mixture with carboxamide
 derivative
 116255-48-2D, Bromuconazole, mixture with carboxamide derivative
 117428-22-5D,
 Picoxystrobin, mixture with carboxamide derivative 118134-30-8D,

Spiroxamine,
 mixture with carboxamide derivative 119446-68-3D,
 Difenoconazole, mixture with
 carboxamide derivative 119899-14-8D, mixture with carboxamide
 derivative
 120116-88-3D, Cyazofamid, mixture with carboxamide derivative
 121552-61-2D,
 mixture with carboxamide derivative 123572-88-3D, Furametypr,
 mixture with
 carboxamide derivative 125116-23-6D, Metconazole, mixture with
 carboxamide
 derivative 125225-28-7D, Ipconazole, mixture with carboxamide
 derivative
 126833-17-8D, Fenhexamid, mixture with carboxamide derivative
 131341-86-1D,
 Fludioxonil, mixture with carboxamide derivative 131752-26-6D,
 mixture with
 carboxamide derivative 131807-57-3D, Famoxadone, mixture with
 carboxamide
 derivative 131860-33-8D, Azoxystrobin, mixture with carboxamide
 derivative
 131983-72-7D, Triticonazole, mixture with carboxamide derivative
 133408-50-1D,
 Metominostrobin, mixture with carboxamide derivative 133855-98-
 8D,
 Epoxiconazole, mixture with carboxamide derivative 135158-54-2D,
 Acibenzolar-S-methyl, mixture with carboxamide derivative
 136426-54-5D,
 Fluquinconazole, mixture with carboxamide derivative 139920-32-
 4D, Diclocymet,
 mixture with carboxamide derivative 140923-17-7D, Iprovalicarb,
 mixture with
 carboxamide derivative 141517-21-7D, Trifloxystrobin, mixture
 with carboxamide
 derivative 143390-89-0D, Kresoximmethyl, mixture with
 carboxamide derivative
 149508-90-7D, Simeconazole, mixture with carboxamide derivative
 149961-52-4D,
 Dimoxystrobin, mixture with carboxamide derivative 156052-68-5D,
 Zoxamide,
 mixture with carboxamide derivative 156581-89-4D, mixture with
 carboxamide
 derivative 158169-73-4D, mixture with carboxamide derivative
 161326-34-7D,
 Fenamidone, mixture with carboxamide derivative 162650-77-3D,
 Ethaboxam, mixture
 with carboxamide derivative 169202-06-6D, Iminoctadine
 tris(albesilate),
 mixture with carboxamide derivative 175013-18-0D,
 Pyraclostrobin, mixture with
 carboxamide derivative 175217-20-6D, Silthiofam, mixture with
 carboxamide
 derivative 178928-70-6D, Prothioconazole, mixture with
 carboxamide
 derivative 181624-76-0D, mixture with carboxamide derivative
 181627-13-4D, mixture
 with carboxamide derivative 183675-82-3D, Penthiopyrad, mixture

with
carboxamide derivative 183676-44-0D, mixture with carboxamide
derivative
187233-48-3D, mixture with carboxamide derivative 188027-78-3D,
mixture with
carboxamide derivative 188425-85-6D, Boscalid, mixture with
carboxamide derivative
189873-26-5D, mixture with carboxamide derivative 210230-99-2D,
mixture with
carboxamide derivative 214706-53-3D, mixture with carboxamide
derivative
220899-03-6D, Metrafenone, mixture with carboxamide derivative
221451-58-7D,
mixture with carboxamide derivative 221667-31-8D, mixture with
carboxamide
derivative 223580-51-6D, Tiadinil, mixture with carboxamide
derivative
224049-04-1D, mixture with carboxamide derivative 237055-17-3D,
mixture with
carboxamide derivative 248593-16-0D, Orysastrobins, mixture with
carboxamide
derivative 249648-16-6D, mixture with carboxamide derivative
308286-29-5D, mixture
with carboxamide derivative 361377-29-9D, Fluoxastrobins, mixture
with
carboxamide derivative 367262-88-2D, mixture with carboxamide
derivative
367262-94-0D, mixture with carboxamide derivative 367262-97-3D,
mixture with
carboxamide derivative 367263-03-4D, mixture with carboxamide
derivative
374726-62-2D, mixture with carboxamide derivative 413615-35-7D,
Benthiavalicarb, mixture with carboxamide derivative 424824-17-
9D, mixture with
carboxamide derivative 424831-80-1D, mixture with carboxamide
derivative
497934-59-5D, mixture with carboxamide derivative 497934-60-8D,
mixture with
carboxamide derivative 577954-87-1D, mixts. with fungicides
577954-88-2D,
mixts. with fungicides 577954-96-2D, mixts. with fungicides
581809-46-3D, mixts. with fungicides 756523-12-3D, mixture with
carboxamide derivative 849674-14-2 849674-16-4 849674-17-5
849674-20-0
849674-22-2 849674-24-4 849674-26-6 849674-29-9 849674-31-
3
849674-33-5 849674-35-7 849674-38-0 849674-44-8 849674-45-
9
849674-48-2 849674-51-7 849674-54-0 849674-56-2 849674-57-
3
849674-58-4 849674-59-5 849674-60-8 849674-61-9 849674-62-
0
849674-63-1 849674-65-3 849674-67-5 849674-69-7 849674-71-
1
849674-72-2 849674-73-3 849674-74-4 849674-75-5 849674-76-
6
849674-77-7 849674-78-8 849674-85-7D, mixture with carboxamide

derivative
849674-86-8D, mixture with carboxamide derivative 849674-87-9D,
mixture with
carboxamide derivative 849674-88-0D, mixture with carboxamide
derivative
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal combination)

FILE 'CAPLUS' ENTERED AT 13:47:11 ON 06 JUL 2010

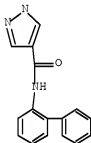
FILE 'REGISTRY' ENTERED AT 13:47:14 ON 06 JUL 2010
L11 STRUCTURE UPLOADED

L11 STRUCTURE UPLOADED

=> d l11

L11 HAS NO ANSWERS

L11 STR



L12 50 S L11 SSS SAM
L13 1046 S L11 SSS FULL

FILE 'CAPLUS' ENTERED AT 13:47:59 ON 06 JUL 2010

L14 106 S L13 AND (L4-L8)
L15 2 S L14 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)
L16 0 S L15 NOT L10
E WACHENDORFF? ULRIKE?/AU
E WACHENDORFF ULRIKE?/AU
L17 9 S E73-E74
E WACHENDORFF-NEUMANN ULRIKE?/AU
E NEUMANN ULRIKE?/AU
L18 5 S E97-E98
L19 0 S L17 AND L18
L20 14 S L17 OR L18
L21 6 S L20 AND (?PESTICID? OR ?FUNGICID? OR ?INSECTICID?)
L22 1 S L21 AND (?AZOLE?)
E DAHMEN PET?/AU
L23 247 S E112
L24 154 S L23 AND (?PESTICID? OR ?FUNGICID? OR ?INSECTICID?)
L25 78 S L24 AND (?AZOLE?)
L26 22 S L25 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)
L27 20 S L26 NOT L10

```

      E DUNKEL RALF?/AU
L28 101 S E122
L29 80 S L28 AND (?PESTICID? OR ?FUNGICID? OR ?INSECTICID?)
L30 40 S L29 AND (?AZOLE?)
L31 16 S L30 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)
L32 14 S L31 NOT L10
L33 8 S L32 NOT L27
      E ELBE HANS?/AU
L34 190 S E133-134
L35 161 S L34 AND (?PESTICID? OR ?FUNGICID? OR ?INSECTICID?)
L36 97 S L35 AND (?AZOLE?)
L37 81 S L36 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)
L38 69 S L37 NOT (L10 OR L27)
L39 61 S L38 NOT L33
      E SUTY? ANNE?/AU
      E SUTY-HEINZE ANNE?/AU
      E SUTY ANNE?/AU
L40 4 S E169-170
      E HEINZE ANNE?/AU
L41 4 S L40 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)
L42 4 S L41 NOT (L10 OR L27 OR L33)
L43 4 S L42 AND (?PESTICID? OR ?FUNGICID? OR ?INSECTICID?)
L44 0 S L43 AND (?AZOLE?)
      E RIECK HEIKO//AU
L45 63 S E193-194
L46 51 S L45 AND (?PESTICID? OR ?FUNGICID? OR ?INSECTICID?)
L47 26 S L46 AND (?AZOLE?)
L48 14 S L47 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)
L49 4 S L41 NOT (L10 OR L27 OR L33 OR L39)
L50 2 S L48 NOT (L10 OR L27 OR L33 OR L39)

```